

Amendments to the Specification:

The paragraph starting on page 1, line 30, is amended herein and now reads as follows:

-- Furthermore, ~~European patent publication 0,574,228~~ United States Patent 5,396,286 discloses the determination of vibrations in the horizontal and vertical directions. Here, an on-line correction is made either via readdressing or reading out from a storage register at a lower frequency than for writing. -